

2022-2023 MY – High Voltage Battery may short circuit

Basis of Safety Defect Determination 573.6(c)(6)

January 6, 2025: Volvo Bus Europe reports a thermal runaway on a BorgWarner Akasol Generation 3 battery. The incident occurred at a body builder in Egypt. The battery not installed yet on a vehicle. An investigation is opened.

January 20, 2025: Global Product Safety Coordination Forum reviews information. Based upon BorgWarner initial analysis, battery packs of concern were believed to be produced solely from their Darmstadt, Germany facility and not shipped to North America.

January 23, 2025: Volvo Bus Product Safety Evaluation Committee reviews findings and recommends that it be escalated to Volvo Bus Product Safety Committee.

January 28, 2025: BorgWarner Akasol advises Volvo that the manufacturing process parameters which were identified in Darmstadt as problematic were also seen at their Hazel Park, USA facility. With the confirmation that suspect batteries were also shipped to Nova Bus and Volvo Trucks North America, a safety investigation is opened. Volvo Truck North America recommends that this be escalated to VTNA PSC.

January 30, 2025: Volvo Bus Product Safety Committee determines that a product safety defect exists.

January 30, 2025: Nova Bus Product Safety Evaluation Committee reviews findings and recommends that it be escalated to Nova Bus Product Safety Committee.

February 3, 2025: Nova Bus, Volvo Truck Europe and North America Product Safety Committee(s) meets and determines that a product safety defect exists.

February 5, 2025: Nova Bus submits a safety defect report to Transport Canada and advise that a voluntary recall will be performed.

February 5, 2025: Nova Bus submits a foreign recall report to NHTSA (25F-009).

March 20, 2025: Volvo receives a list of new suspect batteries identified by Borg Warner which impacts Mack (Canada) Volvo (Canada) Mack (USA) Nova Bus (USA) as required.

March 25, 2025: Nova Bus files 573 with NHTSA that a voluntary recall will be released to address the safety-related defect.

There have been no accidents or injuries related to this defect. There were no warranty claims related to this defect.